

## Patent Claims

1. Communication terminal equipment (KE) for wireless communication with one of at least two transmission/reception base stations (BS11, BS12, BS2) of at least two communication systems in whose transmission/reception area the communication terminal equipment (KE) is located and at which it is currently logged on as ready to receive, comprising a recognition means (CPU, PMK) for recognizing the communication system (KS1, KS2) to which the transmission/reception base station (BS11, BS12, BS2) belongs and at which the communication terminal equipment (KE) is currently logged on as ready to receive, characterized by a control means (CPU, PMK, NAM) in order to allocate a network address to the recognized communication system (KS1, KS2) under which the communication terminal equipment (KE) can be currently reached and in order - when the communication terminal equipment (KE) has logged on at the moment at a transmission/reception base station (BS11, BS12, BS2) as being currently ready to receive - to communicate the network address under which it can be currently reached via this transmission/reception base station (BS11, BS12, BS2) to a control network address stored in the communication terminal equipment (KE).

2. Communication terminal equipment (KE) for wireless communication with one of at least two transmission/reception base stations (BS11, BS12, BS2) of at least two communication systems (KS1, KS2) in whose transmission/reception area the communication terminal equipment (KE) is located and whereat it is currently logged on as ready to receive, comprising a recognition means (CPU, PMK) for recognizing the communication system (KS1, KS2) to which the transmission/reception base station (BS11, BS12, BS2) belongs whereat the communication terminal equipment (KE) is logged on at the moment as ready to receive, characterized by a control means (CPU, PMK, NAM) in order to allocate a network address to the recognized communication system (KS1, KS2) under which the communication terminal equipment (KE) can be currently reached, and in order - when the communication terminal equipment (KE) has logged on at the moment at a

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